IN THE CLAIMS

Please amend the claims to read as follows:

Listing of Claims

- 1-7. (Canceled).
- 8. (New) A radio base station apparatus comprising:

two diversity antennas spaced apart by a distance that allows space diversity, each diversity antenna functioning as an adaptive array antenna; and

transmitters provided respectively corresponding to the two diversity antennas, each transmitter comprising:

a calculator that calculates a transmission weight from one of (i) a reception weight determined based on an uplink signal and (ii) direction of arrival information;

a multiplier that multiplies only a transmission signal for a channel to a specific user by the transmission weight; and

a transmit power controller that controls a transmit power of the transmission signal multiplied by the transmission weight in accordance with a transmit power control signal.

- 9. (New) The radio base station apparatus of claim 8, wherein said each transmitter further comprises:
- a spreader that spreads the transmission signal using a predetermined spreading code; and
- a transmit diversity circuit that performs a transmission diversity calculation of the transmission signal spread in the spreader and provides one of (i) a phase offset and (ii) a phase offset and a power offset, to the transmission signal after spreading, wherein:

the multiplier multiplies the transmission signal after the transmission diversity calculation by the transmission weight.

- 10. (New) The radio base station apparatus cf claim 9, wherein said each transmitter further comprises:
- a spreader that spreads the transmission signal using a predetermined spreading code, wherein:

the multiplier multiples the transmission signal spread in the spreader by one of (i) the transmission weight and a phase offset and (ii) the transmission weight, a phase offset and a power offset.

11. (New) The radio base station apparatus of claim 8, wherein said each transmitter further comprises:

- a transmit diversity circuit that performs a transmit diversity calculation of the transmission signal; and
- a spreader that spreads the transmission signal after the transmit diversity calculation in the transmit diversity circuit, wherein:

the multiplier multiplies the transmission signal spread in the spreader by the transmission weight.

12. (New) A radio transmission method comprising:

calculating a transmission weight from one of (i) a reception weight determined based on an uplink signal and (ii) direction of arrival information;

multiplying only a transmission signal for a channel to a specific user by the transmission weight;

controlling a transmit power of the transmission signal multiplied by the transmission weight in accordance with a transmit power control signal; and

transmitting the transmission signal subjected to transmit power control from two diversity antennas spaced apart by a distance that allows space diversity, each diversity antenna functioning as an adaptive array antenna.

13. (New) The radio transmission method of claim 12, comprising:

spreading the transmission signal using a predetermined spreading code;

performing a transmit diversity calculation of the transmission signal after spreading and providing one of (i) a phase offset and (ii) a phase offset and a power offset, to said transmission signal after spreading; and

multiplying the transmission signal after the transmit diversity calculation by the transmission weight.

14. (New) The radio transmission method of claim 12, comprising:

performing a transmit diversity calculation of the transmission signal; and

spreading the transmission signal after the transmission diversity calculation, wherein:

the transmission signal after spreading is multiplied by the transmission weight.